



13281 U.S.PTO

PATENT  
ATTORNEY DOCKET NO. 046124-5085-01

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Mail Stop PATENT APPLICATION**  
Commissioner for Patents  
U.S. Patent and Trademark Office  
2011 South Clark Place  
Customer Window  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

22581 U.S.PTO  
10/750945



PRIOR APPLICATION: Examiner: Otilia Gabor  
Group Art Unit: 2878

**DIVISIONAL PATENT APPLICATION TRANSMITTAL UNDER 37 C.F.R. § 1.53(b)**

This is a request for filing a divisional patent application under 37 C.F.R. § 1.53(b).

1. This application is a Divisional patent application under 37 C.F.R. § 1.53(b), of pending prior application no. 09/893,586, filed on June 29, 2001, of :

## Inventors:

Takuya HOMME  
Toshio TAKABAYASHI  
Hiroto SATO

For: RADIATION DETECTION DEVICE AND METHOD OF MAKING  
THE SAME

2. The papers enclosed are as follows:

19 Page(s) of Specification including:

0 Title Page

17 Pages of Description

1 Page of Claims

1 Page of Abstract

4 Sheets of drawings containing 12 Figures

Other:

3. Amendments

- A preliminary amendment is enclosed. Please enter this preliminary amendment before calculating the filing fee.
- Relate Back: The Preliminary Amendment identified above amends the specification to include cross-references to prior related applications.

4. Oath or Declaration

- A newly executed (original or copy) oath or declaration is enclosed.
- A copy of an oath or declaration from a prior application is enclosed under 37 C.F.R. § 1.63(d). The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied, is considered as part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
- Not Enclosed. This application is being filed under the provisions of 37 C.F.R. § 1.53(f). Applicant(s) await notification from the Patent and Trademark Office of the time set for filing the Declaration.
- A signed statement deleting inventor(s) named in the prior application is enclosed.

5. Priority - foreign applications under 35 U.S.C. § 119(a)-(d) or § 365(b) or PCT international applications under 35 U.S.C. § 365(a) designating at least one country other than the U.S.

- Priority of the following foreign application(s) is/are claimed:

Country	Application No.	Filed
Japan	P1997-030508	February 14, 1997

Certified copy(ies):  is/are attached.

will follow.

were filed in prior U.S. Application No. 09/893,586 on November 14, 2001.

6. Priority based on an International Application.

- Priority under 35 U.S.C. § 120 of the following U.S. applications or PCT international applications under 35 U.S.C. § 365(c) is claimed:

Application No.	Filed
PCT/JP98/00550	February 12, 1998
U.S. 09/247,298	February 10, 1999
U.S. 09/893,586	June 29, 2001

7. Assignment

- The prior application is assigned of record to **HAMAMATSU PHOTONICS K.K.**, recorded June 29, 2001, at Reel/Frame 011954/0477.

- The prior application is not assigned.

For continuation-in-part applications:

- An assignment of the invention to \_\_\_\_\_ and a PTO Form-1595, Recordation Form Cover Sheet, are enclosed.

8. Small Entity Status

- Small entity status under 37 C.F.R. § 1.27 is hereby asserted for the present application.

13281  
010504  
U.S. PTO

## 9. Fee Calculation (37 C.F.R. § 1.16)

<b>CLAIMS FOR FEE CALCULATION</b>				
	Number Filed	Number Extra	at Rate of	Basic Fee
Total Claims (37 C.F.R. § 1.16(c))	2 - 20 =	0	\$ 18.00 each =	Utility \$770.00 Design \$340.00 + \$ 0.00
Independent Claims (37 C.F.R. § 1.16(b))	1 - 3 =	0	\$ 86.00 each =	+ \$ 0.00
Multiple dependent claim(s), if any (37 C.F.R. § 1.16(d))			\$	+ \$ 0.00
<b>SUB-TOTAL =</b>				<b>\$770.00</b>
<b>Reduction by ½ for filing by a small entity</b>				- \$
<b>TOTAL FILING FEE =</b>				<b>\$770.00</b>

## 10. Fee Payment

- Not Enclosed. **NO FEE IS BEING PAID BY CHECK OR DEPOSIT ACCOUNT AT THIS TIME.** This application is being filed under the provisions of 37 C.F.R. § 1.53(f). Applicant(s) await notification from the Patent and Trademark Office of the time set for paying the filing fees.
- Authorization is hereby given to charge Deposit Account No. 50-0310 in the amount of \$ 770.00 for the application fee.

11.  The power of attorney in the prior application is to at least one of the registered practitioners of Morgan, Lewis & Bockius LLP included in the Customer Number provided below to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith, and all correspondence shall be addressed to that Customer Number.

Please address all correspondence to Morgan, Lewis & Bockius LLP at  
**Customer Number: 009629**

12. [ ] Recognize as associate attorney \_\_\_\_\_.  
(name, address, and registration no.)

13. [X] **PETITION FOR EXTENSION OF TIME.** If any extension of time is necessary for the filing of this application, including any extension in the prior application, application no. 09/893,586 filed on June 29, 2001, for the purpose of maintaining copendency between the prior application and the present application, and such extension has not otherwise been requested, such an extension is hereby requested, and the Commissioner is authorized to charge necessary fees for such an extension to Deposit Account No. 50-0310.

14. [X] EXCEPT for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §§ 1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account 50-0310. This paragraph is intended to be a **CONSTRUCTIVE PETITION FOR EXTENSION OF TIME** in accordance with 37 C.F.R. § 1.136(a)(3).

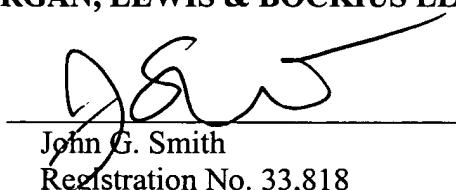
15. Additional papers enclosed:

- [X] Preliminary Amendment
- [X] Information Disclosure Statement
- [X] Form PTO-1449, references cited thereon not included
- [ ] Declaration of Biological Deposit
- [ ] Submission of "Sequence Listing", computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence.

Respectfully submitted,

**MORGAN, LEWIS & BOCKIUS LLP**

Date: January 5, 2004

By:   
John G. Smith  
Registration No. 33,818

**CUSTOMER NO.: 009629**

MORGAN, LEWIS & BOCKIUS LLP  
1111 Pennsylvania Avenue, N.W.  
Washington, D.C. 20004  
Telephone: 202.739.3000  
Facsimile: 202.739.3001